



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/978,564

Source: C/PE

Date Processed by STIC: 11/2/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST 25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 01/13564

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to 3, this will prevent "wrapping".
 Wrapped Aminos
- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3 Misaligned Amino The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers, use **space characters**, instead.
 Numbering
- 4 Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0 A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
 "bug"
- 7 Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence
 (OLD RULES) (2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO X (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences Sequence(s) missing. If **intentional**, please insert the following lines for **each** skipped sequence
 (NEW RULES) <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing
 (NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
 In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents
- 10 Invalid <213> Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or
 Response scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
- 11 ✓ Use of <220> Sequence(s) 15 missing the <220> "Feature" and associated numeric identifiers and responses
 Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0 Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
 "bug"

OIIPE

RAW SEQUENCE LISTING

DATE: 11/02/2001

PATENT APPLICATION: US/09/978,564

TIME: 15:25:17

Input Set : A:\Seq_Listing_for_P2630P1C25.wpd

Output Set: N:\CRF3\11022001\I978564.raw

3 <110> APPLICANT: Ashkenazi, Avi
4 Baker Kevin P.
5 Botstein, David
6 Desnoyers, Luc
7 Eaton, Dan
8 Ferrara, Napoleon
9 Filvaroff, Ellen
10 Fong, Sherman
11 Gao, Wei-Qiang
12 Gerber, Hanspeter
13 Gerritsen, Mary E.
14 Goddard, Audrey
15 Godowski, Paul J.
16 Grimaldi, J. Christopher
17 Gurney, Austin L.
18 Hillan, Kenneth J.
19 Eljavin, Ivar J.
20 Huo, Sophia S.
21 Napier, Mary A.
22 Pan, James
23 Paoni, Nicholas F.
24 Roy, Margaret Ann
25 Shelton, David L.
26 Stewart, Timothy A.
27 Tumas, Daniel
28 Williams, P. Mickey
29 Wood, William L.
31 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
32 Acids Encoding the Same
34 <130> FILE REFERENCE: P2630P1C25
C--> 36 <140> CURRENT APPLICATION NUMBER: US/09/978,564
C--> 36 <141> CURRENT FILING DATE: 2001-10-16
36 <150> PRIOR APPLICATION NUMBER: 09/918585
37 <151> PRIOR FILING DATE: 2001-07-30
39 <150> PRIOR APPLICATION NUMBER: 60/062250
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43 <151> PRIOR FILING DATE: 1997-11-03
45 <150> PRIOR APPLICATION NUMBER: 60/065311
46 <151> PRIOR FILING DATE: 1997-11-13
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RAW SEQUENCE LISTING

DATE: 11/02/2001

PATENT APPLICATION: US/09/978,564

TIME: 15:25:17

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RAW SEQUENCE LISTING

DATE 11/02/2001

PATENT APPLICATION: US/09/978,564

TIME 15:25:17

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RAW SEQUENCE LISTING

DATE: 11/02/2001

PATENT APPLICATION: US/09/978,564

TIME: 15:25:17

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RAW SEQUENCE LISTING

DATE: 11/02/2001

PATENT APPLICATION N US/09,978,564

TIME: 15:25:17

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VERIFICATION SUMMARY

PATENT APPLICATION N: US/09/978,564

DATE: 11/02/2001

TIME: 15:25:18

Input Set : A:\Seq_Listing_for_P2630P1C25.wpd

Output Set: N:\CRF3\11022001\I978564.raw

L:36 M:270 C: Current Application Number differs, Replaced Current Application No
L:36 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:244 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:370 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:445 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:1012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
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L:1811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
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L:5920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
L:6192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
L:6196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
L:6223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152
L:6225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/978,564

DATE: 11/02/2001

TIME: 15:25:18

Input Set : A:\Seq_Listing_for_P2630P1C25.wpd

Output Set: N:\CRF3\11022001\I978564.raw

L:6387 M:220 C Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:157
L:6389 M:258 W Mandatory Feature missing, <220> FEATURE:
L:6389 M:258 W Mandatory Feature missing, <223> OTHER INFORMATION:
L:7713 M:341 W (46) "n" or "Xaa" used, for SEQ ID#:191
L:7719 M:341 W (46) "n" or "Xaa" used, for SEQ ID#:191
L:7729 M:341 W (46) "n" or "Xaa" used, for SEQ ID#:191
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L:10653 M:341 W (46) "n" or "Xaa" used, for SEQ ID#:265
L:10655 M:341 W (46) "n" or "Xaa" used, for SEQ ID#:265
L:10657 M:341 W (46) "n" or "Xaa" used, for SEQ ID#:265

0110-412
0110-PRT
0110-Artificial

0110-187

Met Gly Leu His Leu Asn His Tyr Asn Val Gly Leu Leu Pro Asp
1
1

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2
2

Ala Leu Pro Ala Gly Arg His Pro Pro Val Val Leu Val Pro Gly
3
4

Asp Leu Gly Asn Gln Leu Glu Ala Lys Leu Asp Lys Pro Thr Val
5
6

Val His Tyr Leu Cys Ser Lys Lys Thr Glu Ser Tyr Phe Thr Ile
7
8

Trp Leu Asn Leu Glu Leu Leu Leu Pro Val Ile Ile Asp Cys Trp
9
10

Ile Asp Asn Ile Arg Leu Val Tyr Asn Lys Thr Ser Arg Ala Thr
11
12

Gln Phe Pro Asp Gly Val Asp Val Arg Val Pro Gly Phe Gly Lys
13
14

Thr Phe Ser Leu Gln Phe Leu Asp Pro Ser Lys Ser Ser Val Gly
15
16

Ser Tyr Phe His Thr Met Val Gln Ser Leu Val Gly Trp Gly Tyr
17
18

Thr Arg Gly Gln Asp Val Arg Gly Ala Pro Tyr Asp Trp Arg Arg
19
20

Ala Pro Asn Gln Asn Gly Pro Tyr Phe Leu Ala Leu Arg Gln Met
21
22

Ile Gln Gln Met Tyr Gln Leu Tyr Gly Gly Pro Val Val Leu Val
23
24

Ala His Ser Met Gly Asn Met Tyr Thr Leu Tyr Phe Leu Gln Arg
25
26

Gln Pro Gln Ala Tyr Lys Asp Lys Tyr Ile Arg Ala Phe Val Ser
27
28

Leu Gly Ala Pro Tyr Gly Gly Val Ala Lys Thr Leu Arg Val Leu
29
30

Ala Ser Gly Asp Asn Asn Arg Ile Pro Val Ile Gly Pro Leu Lys
31
32

Ile Arg Gln Gln Gln Arg Ser Ala Val Ser Thr Ser Trp Leu Leu